

NOISE REDUCTION FOR TELECONFERENCING WITHIN AN INTERACTIVE TELEVISION SYSTEM

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ABSTRACT OF THE DISCLOSURE

A system for providing two-way communication using an interactive television system includes a remote control and a set top box. The remote control is configured to control operation of the interactive television system. In addition, the set top box is configured to establish two-way communication with a far-end user via the interactive television system. In one configuration, the set top box includes a noise cancellation module for canceling estimated TV sound from an audio signal captured by the remote control. In another configuration, the set top box includes an output suppression module for suppressing TV sound while an audio signal is being captured.

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